



COPY OF PAPERS  
ORIGINALLY FILED

2817

Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (12-97)  
Approved for use through 9/30/00. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/607,604	
	Filing Date	06/30/2000	
	First Named Inventor	Allison	
	Group Art Unit	2817	
	Examiner Name	Cathey, D.	
Total Number of Pages in This Submission	12	Attorney Docket Number	PD-00W014

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): - postcard
Remarks		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	Leonard A. Alkov, Esq.	
Signature		
Date	08/21/2002	

CERTIFICATE OF MAILING		
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: 08/21/2002		
Typed or printed name	Elaine Panousis	
Signature		Date
		8-21-02

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

RECEIVED  
AUG 30 2002  
TECHNICAL CENTER 2800



COPY OF PAPERS  
ORIGINALLY FILED

# 11/Amold B  
PATENT  
PD-00W014  
9.5.02  
C. Moore

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
ALLISON et al. ) Art Unit: 2817  
Serial No. 09/607,604 ) Examiner: Cathey, D.  
Filed: 06/30/2000 )  
For: MULTI-BIT PHASE SHIFTERS )  
USING MEM RF SWITCHES )

RECEIVED  
AUG 30 2002  
TECHNOLOGY CENTER 2800

RESPONSE TO OFFICE ACTION

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In response to the Office Action mailed May 22, 2002, kindly amend the application as follows:

IN THE CLAIMS

Cancel Claims 9, 25, 30 and 32 without prejudice or disclaimer of the subject matter therein.

B1  
5. (Twice Amended) The array of Claim 27 wherein said MEM switches are single-pole-single-throw (SPST) switches including an armature for opening and closing the RF signal path through the switch, and a control signal path, and wherein the control signals are isolated from the RF signal path.

B2  
14. (Amended) The circuit of Claim 31, wherein said MEM switches are metal-metal contact RF MEMS series switches.